

Release notes for ENDF/B Development d-002\_He\_003  
evaluation

**ENDF**  
**B-VII**.dev

December 2, 2016

- fudge-4.0 Errors:

1. There is a gap in the cross section

*reaction label 0: H2 + He3 / Cross section: (Error # 0): Gap in xsect.*

WARNING: Gap in cross section data from 1.4e6 eV to 20. MeV

2. There is a gap in the cross section

*reaction label 1: H1 + He4 / Cross section: (Error # 0): Gap in xsect.*

WARNING: Gap in cross section data from 1.4e6 eV to 20. MeV

3. Calculated and tabulated Q values disagree.

*reaction label 1: H1 + He4 (Error # 1): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 17404832.90362835 eV vs 1.8354e7 eV!